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289

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(See inside cover)

ROUTING			
TO:	NAME AND ADDRESS	DATE	INITIALS
1			
2			
3			
4			
	ACTION	DIRECT REPLY	PREPARE REPLY
	APPROVAL	DISPATCH	RECOMMENDATION
	COMMENT	FILE	RETURN
	CONCURRENCE	INFORMATION	SIGNATURE
REMARKS:			
FROM: NAME, ADDRESS, AND PHONE NO.			DATE

CONTROL NO. Z-10953/82COPY NPIC/PEG (7/82)
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DISSEMINATION CONTROL ABBREVIATIONS

NOFORN-	Not Releasable to Foreign Nationals
NOCONTRACT-	Not Releasable to Contractors or Contractor/Consultants
PROPIN-	Caution-Proprietary Information Involved
ORCON-	Dissemination and Extraction of Information Controlled by Originator
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Page 1 of 1Attachment to Z-10953/82
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PROBABLE SONAR MODIFICATIONS ON E-II SSAN
SEVERODVINSK SHIPYARD YAGRY ISLAND, USSR

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1. (S/D) SIGNIFICANCE: HULL PROTRUSIONS WHICH MAY BE SONAR RELATED ARE PRESENT ON THE E-II NUCLEAR-POWERED AUXILIARY SUBMARINE (SSAN).
2. (S/D) REMARKS: THIS IS THE FIRST OBSERVATION OF THESE PROTRUSIONS. THE E-II SSAN IS SUPPORTED BY KEEL BLOCKS ON THE SOUTH SHELF OF THE SHIP LIFTING BASIN. THE UNDERSIDE OF THE BOW HAS BEEN MODIFIED INTO A BULBOUS SHAPE, WHICH APPEARS TO EXTEND BELOW THE ORIGINAL BOW. THE LIGHT-TONED, MODIFIED BOW TAPERS INTO THE HULL APPROXIMATELY 17 METERS AFT. A LOWER HULL PROTRUSION IS OBSERVED ON THE STARBOARD SIDE ABEAM AND FORWARD OF THE SAIL. THE SIDE PROTRUSION, TAPERED AT BOTH ENDS, IS APPROXIMATELY 22 METERS LONG AND THE WIDTH OF THE VISIBLE SURFACE IS APPROXIMATELY TWO METERS. THE PORT SIDE OF THE SUBMARINE IS NOT VISIBLE.

(S/D) THE E-II SSAN HAD UNDERGONE THESE AND OTHER MODIFICATIONS (INCLUDING THE REMOVAL OF ALL EIGHT SS-N-3 ANTISHIP CRUISE MISSILE LAUNCHERS) IN REPAIR HALL 2 OF THIS FACILITY BETWEEN NOVEMBER 1976 AND OCTOBER 1979. POST-CONVERSION FITTING OUT LASTED THROUGH OCTOBER 1980. AFTER INTERMITTENT SEA TRAILS, THE SUBMARINE WENT TO OLENYA GUBA SUBMARINE BASE

WHERE IT WAS BASED FOR APPROXIMATELY ONE YEAR. ITS RETURN TO THE SEVERODVINSK AREA OCCURRED IN MID-DECEMBER 1981.

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3. COORDINATES 64-35-20N 039-49-14E

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